

FORM PTO-1390
REV. 5-93

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

DTOS Rec'd PCT/PTO 24 SEP 2004
ATTORNEYS DCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

P04,0302

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/508979

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/DE03/00980

25 March 2003

25 March 2002

TITLE OF INVENTION: "FILTER COMPRISING ACOUSTICALLY COUPLED RESONATORS"

APPLICANT(S) FOR DO/EO/US Thomas Bauer, Ken-ya Hashimoto, Ulrike Roesler, Werner Ruile, Veit Meister, Heide Kuhrau and Michael Jakob

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (PTO 1449, Prior Art, Search Report).
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
A SECOND or SUBSEQUENT preliminary amendment.
14. ☒ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
 - a. ☒ Submission of Drawings - 8 sheets
 - b. ☒ EXPRESS MAIL # EV362543685US dated September 24, 2004
 - c. ☐

U.S. APPLICATION NO. 10/508979		INTERNATIONAL APPLICATION NO. PCT/DE03/00980		ATTORNEY'S DOCKET NUMBER P04,0302	
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17. <input type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO \$920.00 International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) . \$730.00 No international preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but international search fee paid to USPTO (37 C.F.R. 1.445(a)(2))..... \$770.00 Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2) paid to USPTO..... \$1080.00 International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>				CALCULATIONS	PTO USE ONLY

Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					
Claims	Number Filed	Number Extra	Rate		
Total Claims	42 20 =	22	X \$18.00	\$396.00	
Independent Claims	1 3 =		X \$86.00		
Multiple Dependent Claims			\$290.00 +		
TOTAL OF ABOVE CALCULATIONS =				\$1316.00	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)					
SUBTOTAL =				\$1316.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
TOTAL NATIONAL FEE =				\$1316.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property					
TOTAL FEES ENCLOSED =				\$1316.00	
				Amount to be refunded	
				charged	

a. ☒ A check in the amount of **\$1316.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **501519**. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Schiff Hardin LLP
Patent Department
6600 Sears Tower
Chicago, Illinois 60606-6473
Customer Number 26574

SIGNATURE

James D. Hobart

NAME

24,149

Registration Number

10/508979


CERTIFICATE OF MAILING BY U.S. EXPRESS MAIL**"Express Mail" Mailing Label Number** EV362543685US**Date of Deposit:** September 24, 2004

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10(c) on the date indicated above and is addressed to:

**Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Case Number: P04,0302**International Application No.**
PCT/DE03/00980**International Filing Date**
25 March 2003**Priority Date Claimed**
25 March 2002**Title:** "FILTER COMPRISING ACOUSTICALLY COUPLED RESONATORS"**Applicant(s):** Thomas Bauer, Ken-ya Hashimoto, Ulrike Roesler, Werner Ruile, Veit Meister, Heide Kuhrau and Michael Jakob**Enclosed are the following documents:**

International application as filed;
English translation of application;
Preliminary Amendment;
Substitute Specification;
Marked-up Copy of Specification;
Letter Submitting Drawings - 8 sheets;
Information Disclosure Statement, Form PTO-1449,
Prior Art, Search Report;
PTO 1390 in duplicate;
Filing Fee: \$1316.00;
Postcard.



Signature of person mailing documents and fee